## DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DRAM CORE REFRESH WITH REDUCED SPIKE CURRENT the specification of which

(check one)	is attached hereto.	
	X was filed on October 9, 1998	a:
	Application Serial No. 09/169,376	
	and was amended on	
	(if applicable)	

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority	Claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, \$1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

60/061,767	October 10, 1997	Pending
(Application Serial No.	) (Filing Date)	(Status)
		(patented, pending, abandoned)
(Application Serial No.	) (Filing Date)	(Status)
		(patented, pending, abandoned)

Direct all telephone calls to Gary S. Williams at (650) 494-8700. Address all correspondence to:

FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP Suite 3400, Four Embarcadero Center San Francisco, California 94111

File No. A-66014/GSW/WSG (P1500)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, \$1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or	
first inventor:	Ely K. Tsern
Inventor's signature:	Sky KA
Date:	12/14/98
Residence:	Los Altos, California
Citizenship:	United States
Post Office Address:	684 Riviera Drive
	Los Altos, California 94024
- 11	
Full name of second	
	Richard M. Barth
Inventor's signature:	Juneal M. Frank
Date:	<u>Q-22-98</u>
Residence:	Palo Alto, California
Citizenship:	United States
Post Office Address:	787 Los Robles Avenue
	Palo Alto, California 94306
	'
Full name of third	
inventor:	Paul G. Davis
Inventor's signature:	
Date:	
Residence:	San Jose, California
Citizenship:	United States
Post Office Address:	2317 Rupert Drive
	San Jose, California 95124

Full name of fourth

inventor:

Craig E. Hampel

Inventor's signature:

Date:

Residence:

San Jose, California

Citizenship:

United States

Post Office Address:

5927 Dunn Avenue

San Jose, California 95123

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(check one)	is attached hereto.	
	X was filed on October 9, 1998	as
	Application Serial No. 09/169.376	
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File No. A-66014/GSW/WSG (P1500)

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Full name of sole or	
first inventor:	Ely K. Tsern
Inventor's signature:	
Date:	
Residence:	Los Altos, California
Citizenship:	United States
Post Office Address: .	684 Riviera Drive
	Los Altos, California 94024
Full name of second	
inventor:	Richard M. Barth
Inventor's signature:	
Date:	
Residence:	Palo Alto, California
Citizenship:	United States
Post Office Address:	787 Los Robles Avenue
	Palo Alto, California 94306
Full name of third	ı
inventor:	Paul G. Davis
Inventor's signature:	Dani C. Don
Date:	1/26/99
Residence:	San Jose, California
Citizenship:	United States
<del>-</del>	2317 Rupert Drive
	San Jose California 95124

Full name of fourth	
inventor:	Craig E. Hampel
Inventor's signature:	
Date:	
Residence:	San Jose, California
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Post Office Address:	5927 Dunn Avenue
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